

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented): A tissue regeneration substrate comprising a film with a honeycomb structure having an average cavity inner diameter from 0.1 to 20 μm , consisting essentially of (a) one or more polymers selected from the group consisting of polylactic acid, (lactic acid-glycolic acid) copolymer, polyhydroxybutyric acid, polycaprolactone, biodegradable aliphatic polyesters, aliphatic polycarbonate, and their copolymers and (b) a phospholipid.

2. (canceled).

3. (previously presented): A tissue regeneration substrate according to claim 1, wherein said phospholipid is at least one type selected from the group consisting of phosphatidylethanolamine, phosphatidylcholine, phosphatidylserine, phosphatidylglycerol and their derivatives.

4. (original): A tissue regeneration substrate according to claim 3, wherein said phospholipid is phosphatidylethanolamine.

5. (previously presented): A tissue regeneration substrate according to claim 3, wherein said phospholipid is L- α -phosphatidylethanolamine-dioleoyl.

6. (previously presented): A tissue regeneration substrate according to claim 1, characterized in that the compositional ratio of the polymer and the phospholipid is 10:1 to 500:1 by weight.

7. (canceled).

8. (original): A tissue regeneration substrate according to claim 1, characterized in that the tissue is cartilage tissue.

9. (original): A tissue regeneration complex comprising a tissue regeneration substrate according to claim 1 and cells held in said tissue regeneration substrate.

10. (original): A tissue regeneration complex according to claim 9, characterized in that the tissue is cartilage tissue.

11. (original): A method for production of a tissue regeneration complex comprising cells held on a tissue regeneration substrate, by culturing cells on a tissue regeneration substrate according to claim 1.

12. (currently amended): A tissue regeneration substrate according to claim 1, comprising a film with a honeycomb structure having an average cavity inner diameter from 0.1 to 20 μm , ~~composed primarily of~~ consisting essentially of (a) polylactic acid and (b) a phospholipid.

13. (previously presented): A tissue regeneration substrate according to claim 1, comprising a film with a honeycomb structure having an average cavity inner diameter from 0.1 to 20 μm , consisting essentially of (a) (lactic acid-glycolic acid) copolymer and (b) a phospholipid.

14. (previously presented): A tissue regeneration substrate according to claim 1, comprising a film with a honeycomb structure having an average cavity inner diameter from 0.1 to 20 μm , consisting essentially of (a) polycaprolactone and (b) a phospholipid.

15. (previously presented): A tissue regeneration substrate according to claim 1, comprising a film with a honeycomb structure having an average cavity inner diameter from 0.1

to 20 μm , consisting essentially of (a) polylactic acid-polycaprolactone copolymer and (b) a phospholipid.

16. (previously presented): A tissue regeneration substrate according to claim 6, wherein the compositional ratio of the polymer and the phospholipid is 50:1 to 200:1 by weight.

17. (previously presented): A tissue regeneration substrate comprising a film with a honeycomb structure having an average cavity inner diameter from 0.1 to 20 μm , composed primarily of (a) one or more polymers selected from the group consisting of polylactic acid, (lactic acid-glycolic acid) copolymer, polyhydroxybutyric acid, polycaprolactone, biodegradable aliphatic polyesters, aliphatic polycarbonate, and their copolymers and (b) a phospholipids, wherein no amphipathic polymer is present.